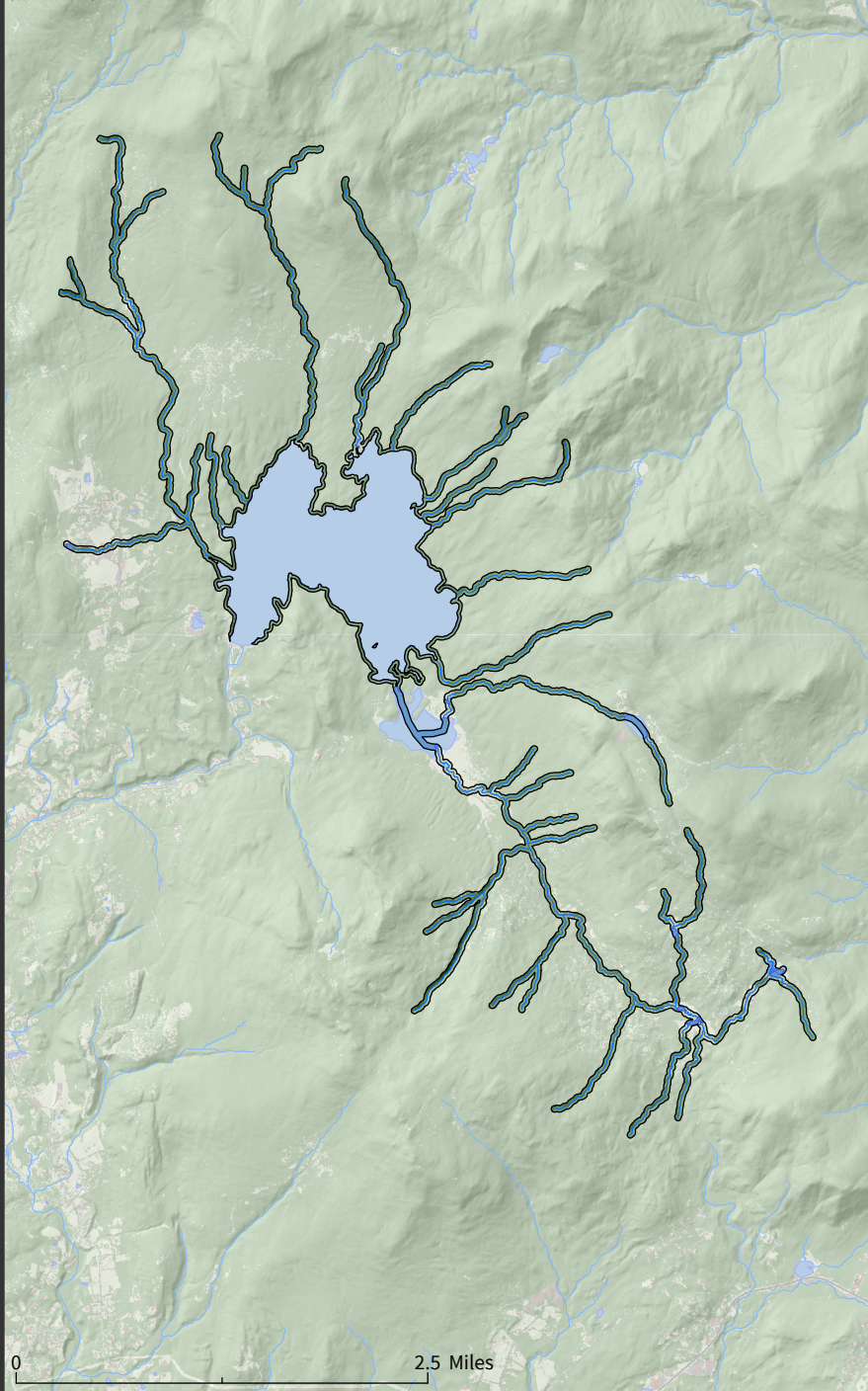


# Chittenden

Waterbody + Tributary 100ft Buffer

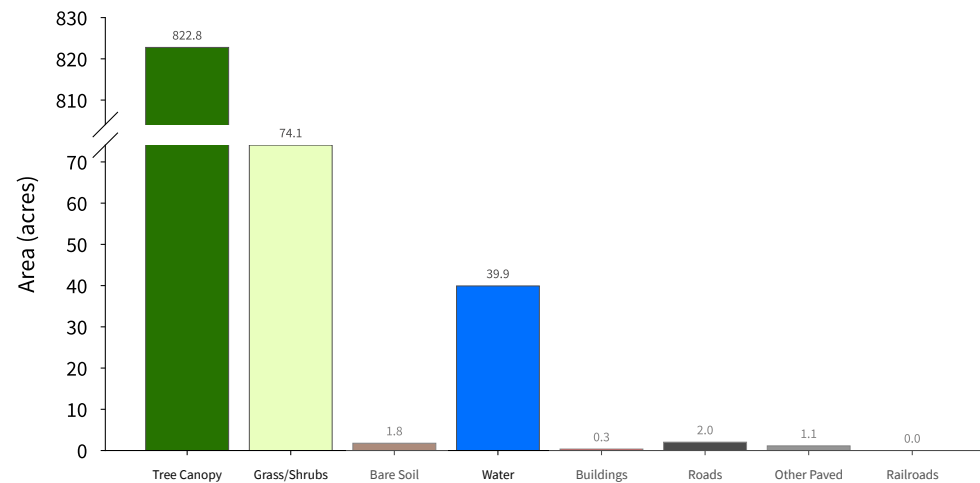
942 acres  
(Base Land Cover Shown)



External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

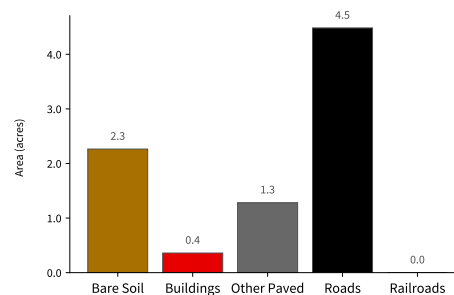
## High-Resolution Land Cover Summary

### Base Land Cover (Top-Down\*)

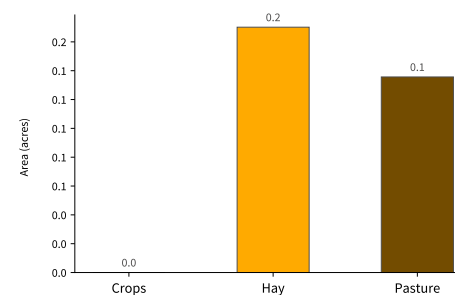


### Supplemental Land Cover

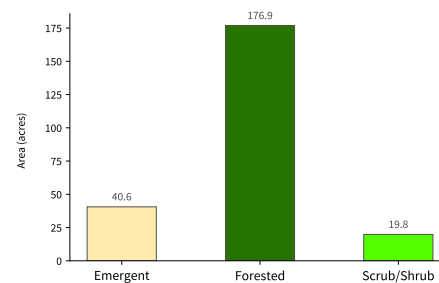
#### Impervious Surfaces (8.39 acres - 0.9 % of total) (Bottom-Up\*\*)



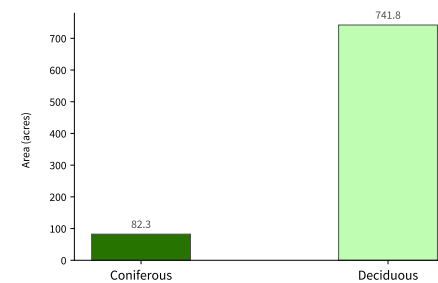
#### Agriculture (0.31 acres - 0 % of total)



#### Wetlands (237.31 acres - 25.2 % of total)



#### Tree Canopy (824.11 acres - 87.5 % of total)



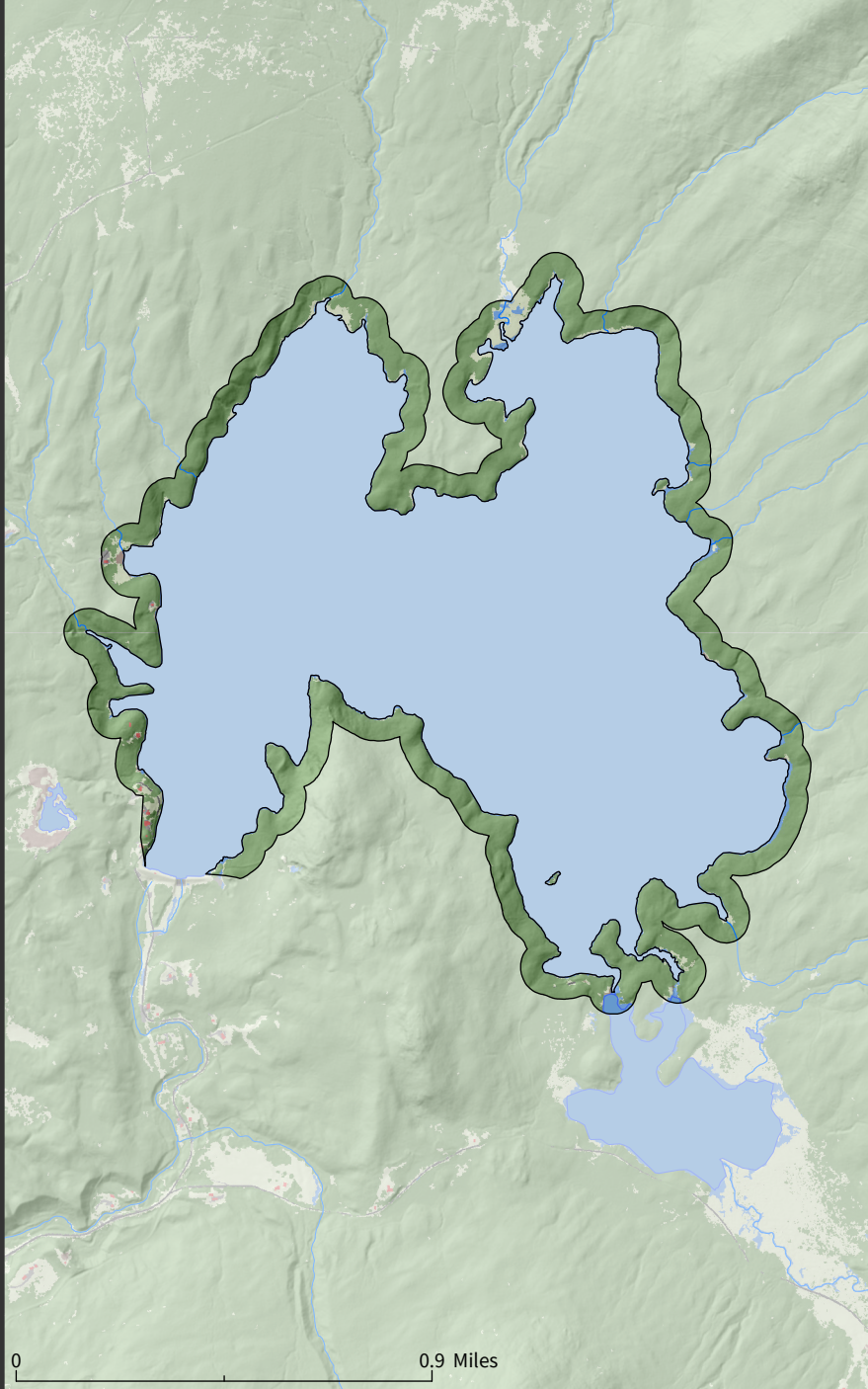
\*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.

\*\*Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features. See UWM SAL High-Resolution Land Cover 2015 Report for more detail.

# Chittenden

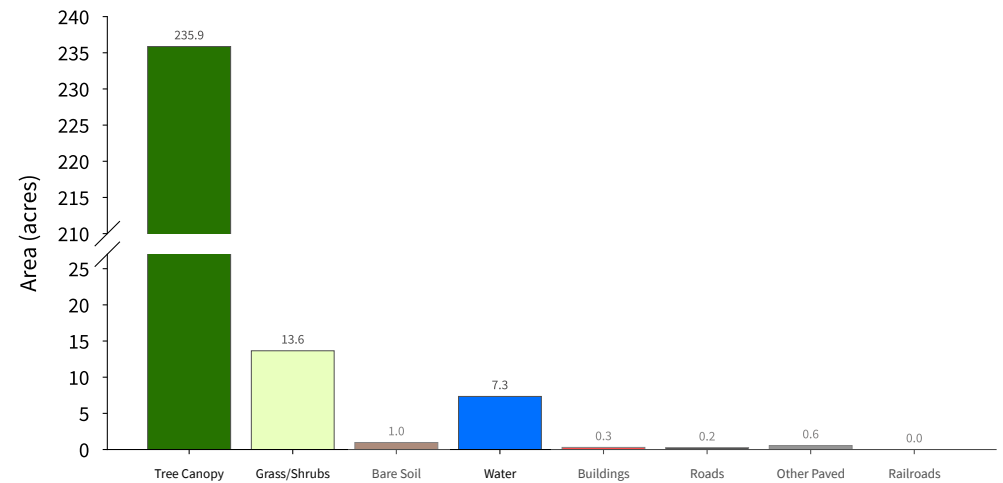
Waterbody 250ft Buffer

259 acres  
(Base Land Cover Shown)



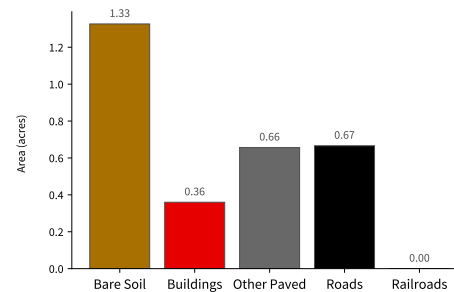
## High-Resolution Land Cover Summary

### Base Land Cover (Top-Down\*)



### Supplemental Land Cover

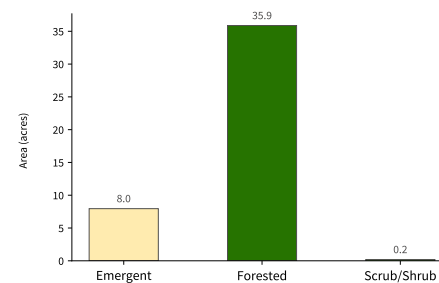
#### Impervious Surfaces (3.01 acres - 1.2 % of total) (Bottom-Up\*\*)



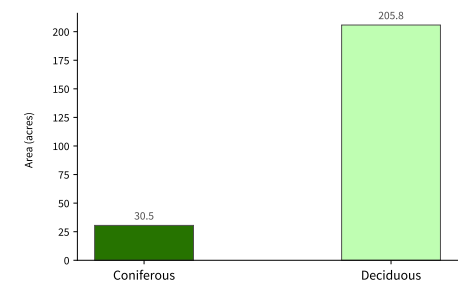
#### Agriculture (0 acres - 0 % of total)

No Agricultural Land Cover Mapped in this Area

#### Wetlands (44.02 acres - 17 % of total)

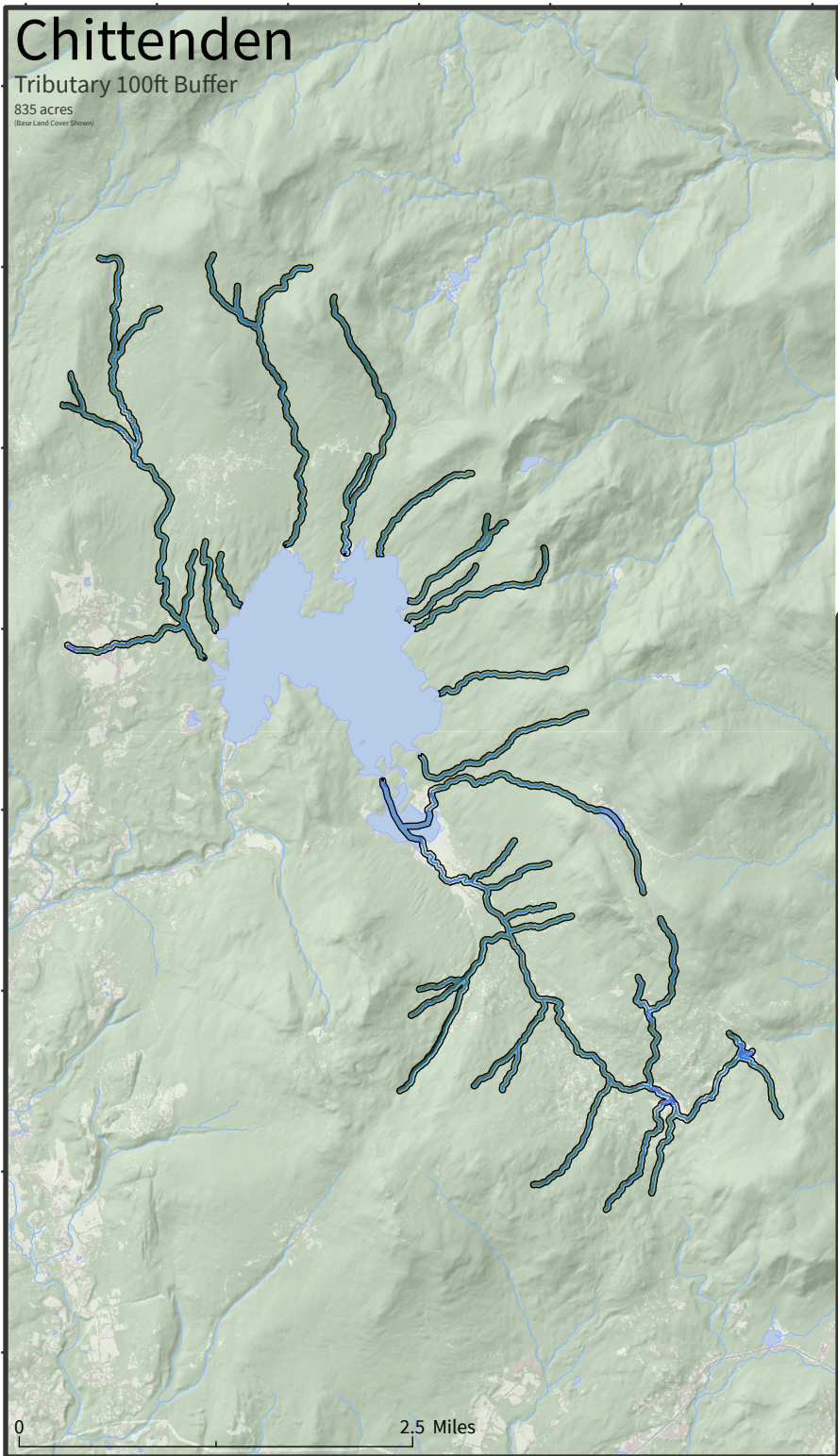


#### Tree Canopy (236.3 acres - 91.2 % of total)



\*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.  
\*\*Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features.  
See UVM SAL High-Resolution Land Cover 2022 Report for more detail.



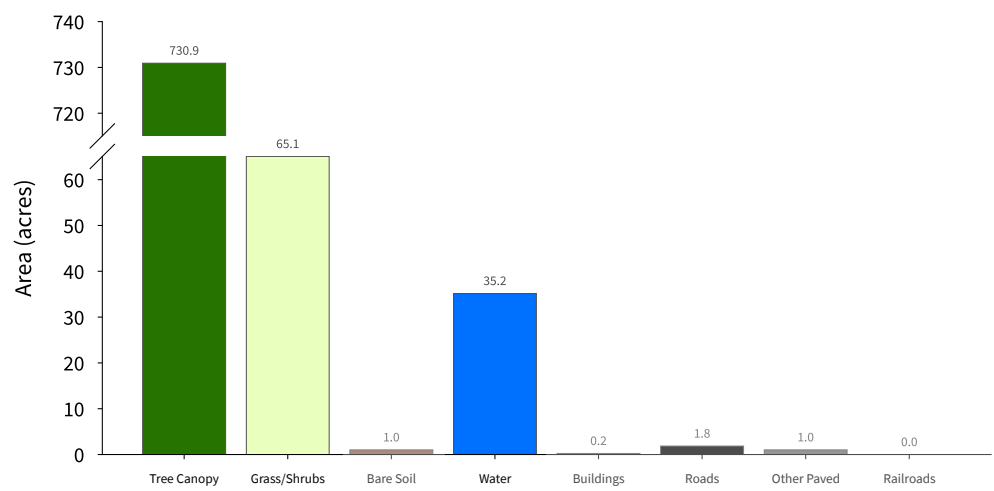


# Chittenden

Tributary 100ft Buffer  
835 acres  
(Base Land Cover Shown)

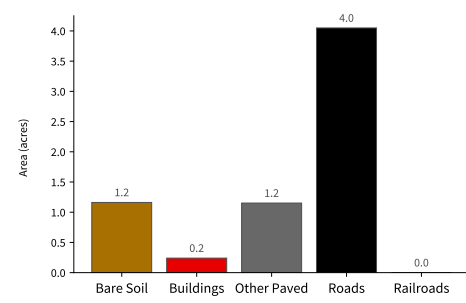
## High-Resolution Land Cover Summary

### Base Land Cover (Top-Down\*)

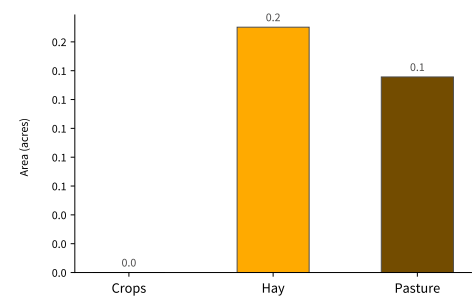


### Supplemental Land Cover

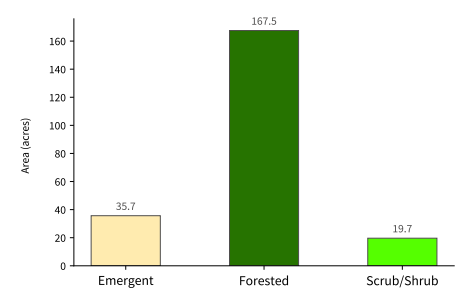
#### Impervious Surfaces (6.6 acres - 0.8 % of total) (Bottom-Up\*\*)



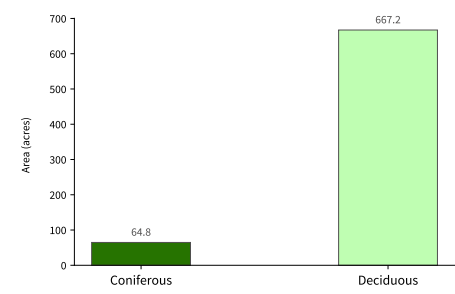
#### Agriculture (0.31 acres - 0 % of total)



#### Wetlands (222.84 acres - 26.7 % of total)



#### Tree Canopy (731.93 acres - 87.7 % of total)



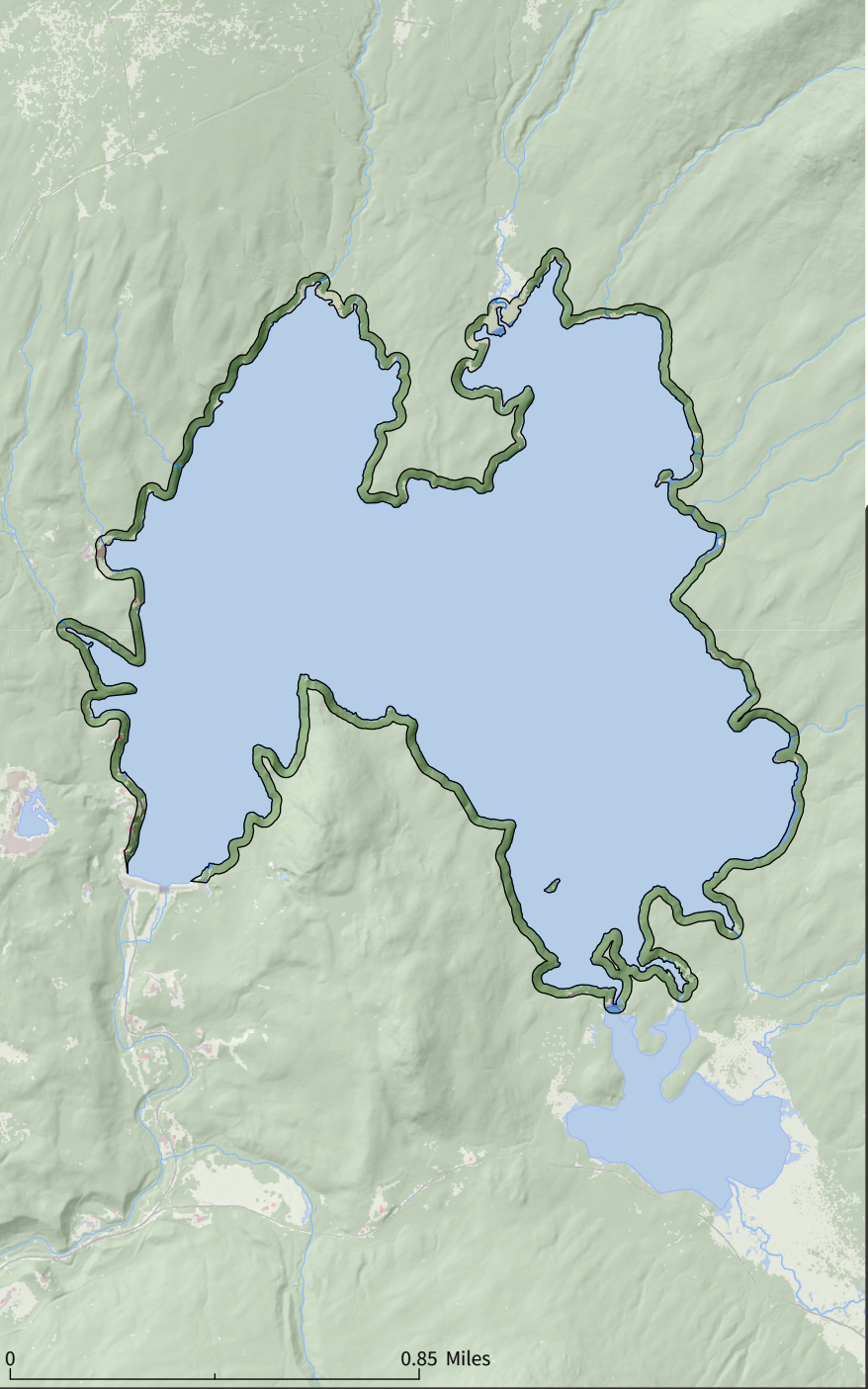
External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

\*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.  
\*\*Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/observed by other features.  
See UWM SAL High-Resolution Land Cover 2015 Report for more detail.

# Chittenden

Waterbody 100ft Buffer

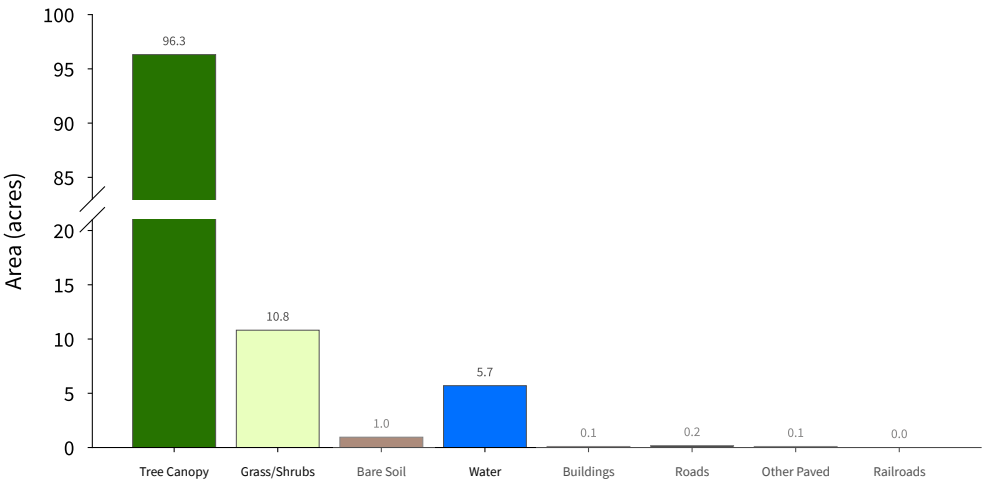
114 acres  
(Base Land Cover Shown)



External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

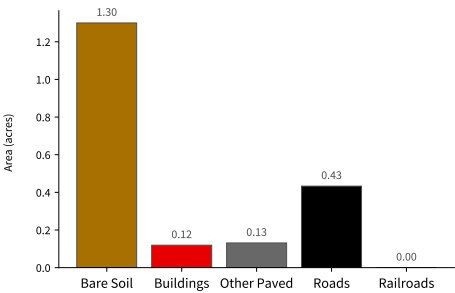
## High-Resolution Land Cover Summary

### Base Land Cover (Top-Down\*)



### Supplemental Land Cover

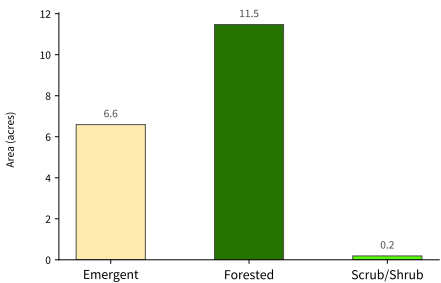
#### Impervious Surfaces (1.98 acres - 1.7 % of total) (Bottom-Up\*\*)



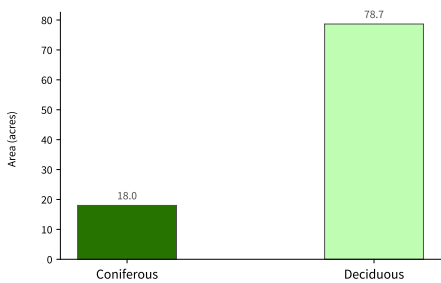
#### Agriculture (0 acres - 0 % of total)

No Agricultural Land Cover Mapped in this Area

#### Wetlands (18.25 acres - 16 % of total)



#### Tree Canopy (96.67 acres - 84.8 % of total)

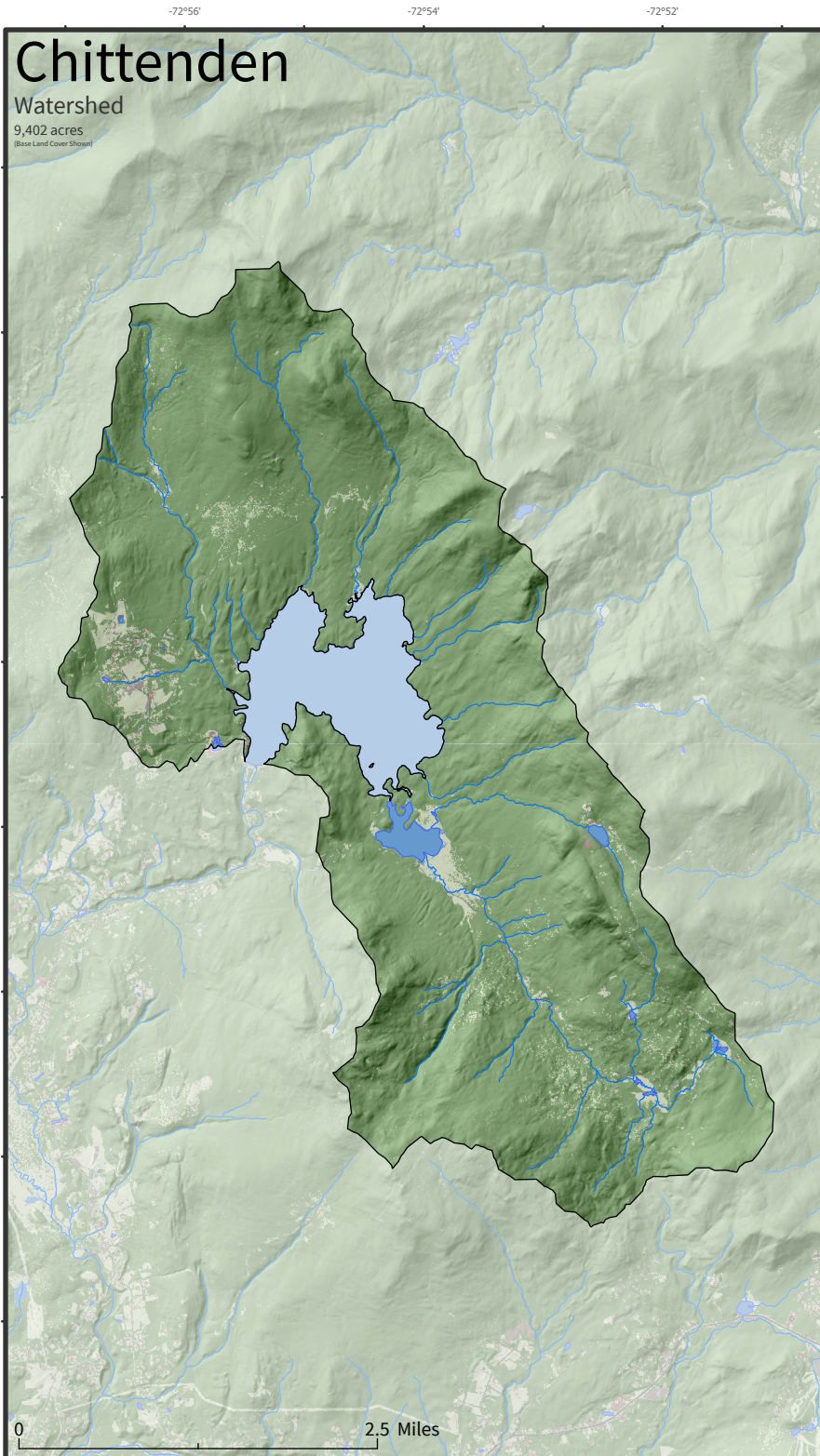


\*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.

\*\*Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features.

See UWM SAL High-Resolution Land Cover 2025 Report for more detail.

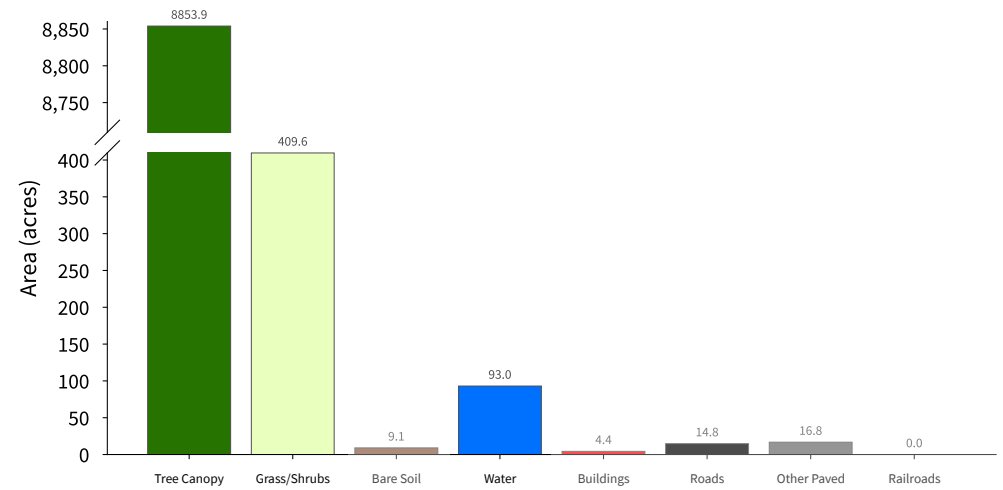




External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

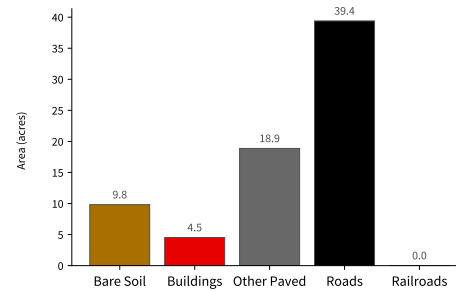
## High-Resolution Land Cover Summary

### Base Land Cover (Top-Down\*)

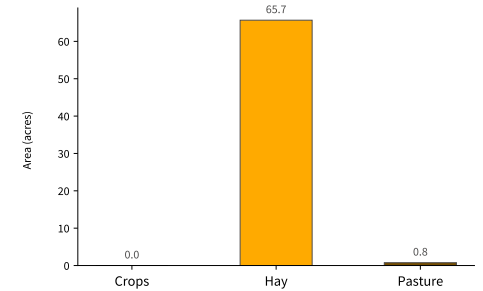


### Supplemental Land Cover

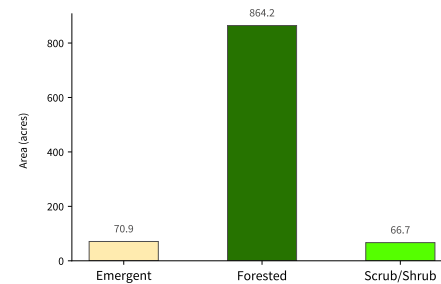
#### Impervious Surfaces (72.59 acres - 0.8 % of total) (Bottom-Up\*\*)



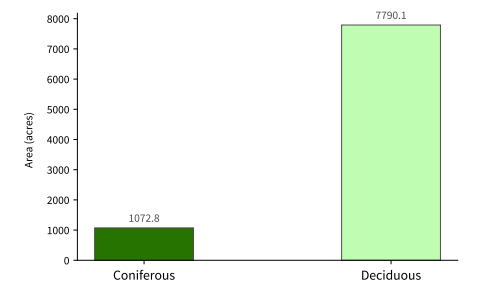
#### Agriculture (66.44 acres - 0.7 % of total)



#### Wetlands (1,001.83 acres - 10.7 % of total)



#### Tree Canopy (8,862.89 acres - 94.3 % of total)



\*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.

\*\*Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features. See UWM SAL High-Resolution Land Cover 2015 Report for more detail.